



Operator (Report): sop_kabanovlab.inst
Video Operator: sop_kabanovlab.inst

Sample Parameters

Sample Name: G104_F1-4
Comment: Sens=80, Sample Remarks0:
Sample Remarks1:
Sample Remarks2:
Electrolyte:
Temperature: 25.68 °C sensed
pH 7.0 entered
Conductivity: 12216.54 µS/cm sensed

Instrument Parameters

Laser Wavelength: 488 nm
Filter Wavelength: Scatter

Measurement Parameters

Cell S/N: ZNTA

Result (sizes in nm)

	Number	Concentration	Volume
Median (X50)	169.6	169.6	273.3
Span	77.8	77.8	95.9

Concentration: 5.6E+7 Particles / mL
Dilution Factor: 1000
Original Concentration: 5.6E+10 Particles / mL

Quality

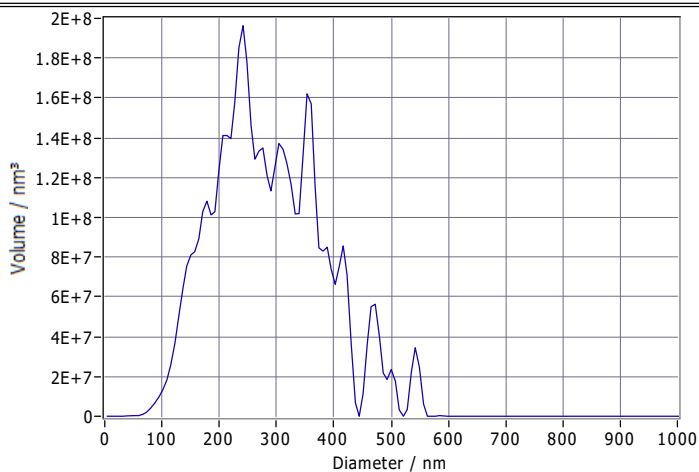
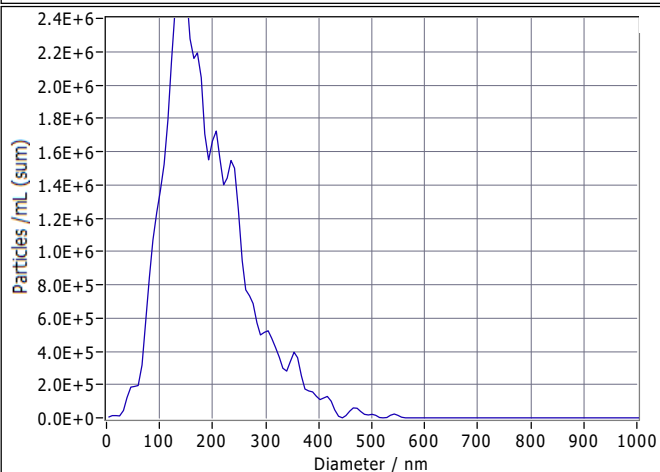
Average Counted Particles per Frame: 123
Number of Traced Particles: 994

Measurement Mode: Size Distribution 2 Cycles

11 Positions, 2 Removed for Analysis

Analysis Parameters

Max Area: 1000, Min Area: 10, Min Brightness: 20



Peak Analysis (Concentration)

Diameter / nm	Particles/mL	FWHM / nm	Percentage
141.1	2.7E+6	142.8	95.0
353.6	3.9E+5	25.9	5.0

X Values (all sizes are given in nm)

	Number	Concentration	Volume
X10	98.4	98.4	164.5
X50	169.6	169.6	273.3
X90	292.8	292.8	411.9
Span	1.1	1.1	0.9
Mean	187.8	187.8	287.2
StdDev	77.8	77.8	95.9



Comment

(Signature)

Analyzed Video: C:\Zetaview Data\Nancy\2023_02_14\20230214_0014_G104_F1-4_size_488.avi

ZetaVIEW S/N 19-490, Software ZetaView (version 8.05.12 SP2), Camera 0.713 µm/px

Experiment: 2023-02-14 15:37, Report: 2023-02-14 15:40